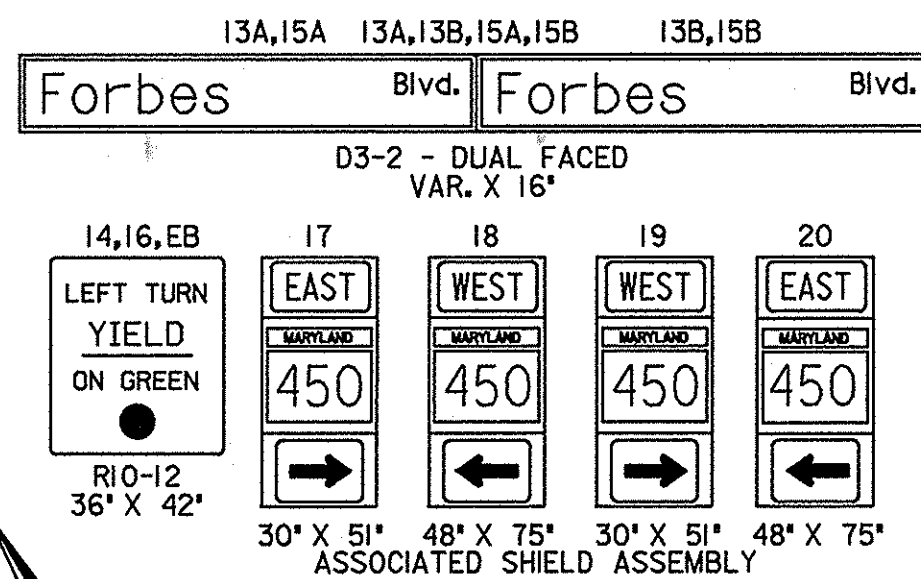


PHASE III CONSTRUCTION DETAILS

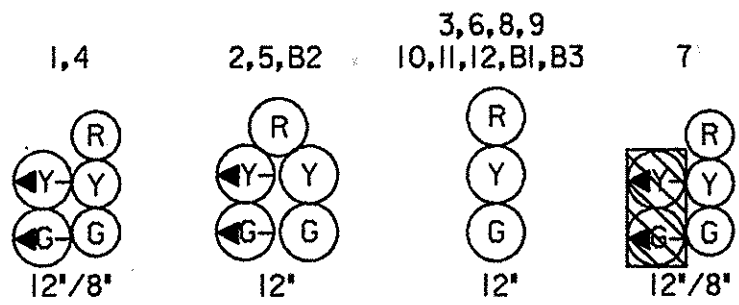
- A. USE EXISTING BASE MOUNTED CABINET/CONTROLLER.
- B. INSTALL 12 IN. X 32 FT. 2-PLY STEEL STRAIN POLE WITH 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE AS SHOWN (NOTE: ONE 2 IN. 90-DEGREE (SCH.40) PVC BEND AND ONE 3 IN. WEATHERHEAD). USE FOUR 2-1/4 IN. X 96 IN. ANCHOR BOLTS.)
- C. INSTALL 24 IN. WIDE PREFORMED PAVEMENT MARKING FOR STOP LINE.
- D. INSTALL HANDHOLE.
- E. ~~INSTALL 1 IN. LIQUID TIGHT, NON-METALLIC CONDUIT FOR LOOP DETECTOR SLEEVE. EXISTING HAND HOLE OR CONDUIT TO REMAIN~~
- F. INSTALL 2 IN. POLYVINYL CHLORIDE (SCH.40) ELECTRICAL CONDUIT-TRENCHED.
- G. INSTALL 2 IN. POLYVINYL CHLORIDE (SCH.80) ELECTRICAL CONDUIT-TRENCHED. (SEE NOTE I)
- H. ~~INSTALL 6 FT. X 6 FT. VEHICLE LOOP DETECTOR (3 TURNS) ENCASED IN FLEXIBLE TUBING.~~
- J. USE EXISTING CONDUIT.
- K. USE EXISTING HANDHOLE.
- L. USE EXISTING STRAIN POLE.
- M. ~~INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE VEHICLE LOOP DETECTOR (2 4-2 TURNS) ENCASED IN FLEXIBLE TUBING.~~

SIGNS



MD 450 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SIGNALS



NOTE: SIGNALS 1-6,9,11,12 ARE PROPOSED.

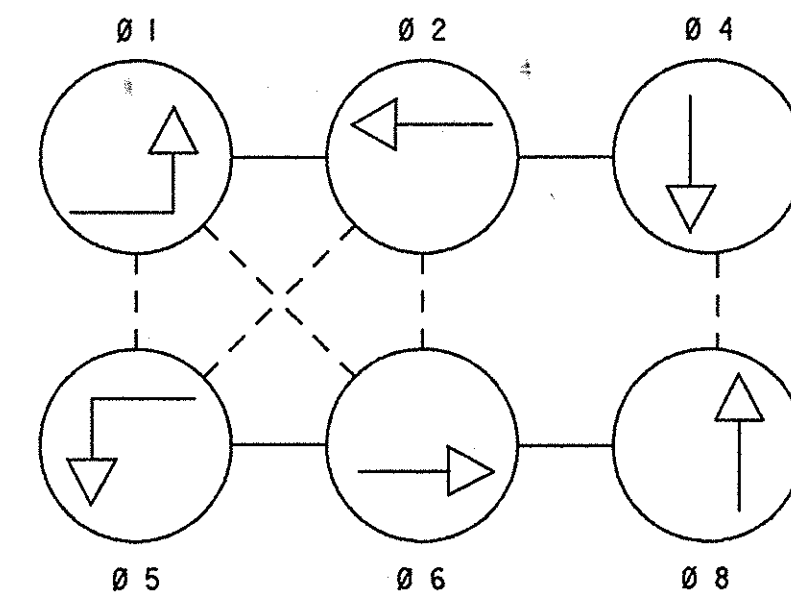
SIGNAL 7 IS PROPOSED AND SHALL HAVE THE YA,GA BAGGED.

SIGNS 14,16 SHALL BE UNBAGGED.

SIGNAL 8 AND SIGNS 13-16 ARE EXISTING AND ARE TO BE RELOCATED.

SIGNAL 10 AND SIGNS 17-20 ARE EXISTING AND SHALL REMAIN.

SIGNALS B1,B2,B3 ARE EXISTING AND SHALL REMAIN AND BE BAGGED.



PHASING NOTES

- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

GENERAL NOTES

- THE CONDUIT TO BE INSTALLED ACROSS THE PROPOSED ROADWAY SHALL BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION.
- DETECTORS SHALL BE INSTALLED PRIOR TO FINAL PAVEMENT SURFACE COURSE.
- THE CONTRACTOR SHALL CONFIRM THE LOCATIONS OF THE PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
- FOR THE LOCATION OF THE 'ARROW' AND 'ONLY' PAVEMENT MARKINGS AND SIGNS, SEE THE TRAFFIC CONTROL PLAN TCP-39.
- ALL POLE AND CABINET FOUNDATIONS AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLES	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TEMPORARY SIGNAL PHASE III

DWG. NO. TS-3

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 450 (ANNAPOLIS ROAD) AT FORBES BLVD.

LOG MILE NO. 16045006.59 DATE 8 / - / 96

DRAWN BY: S. BLOSS	F.A.P. NO. N/A	PLAN SHEET NO.: TS-3600-X3-P	SHEET NO. 349 OF 465
CHECK BY: T. HANNAN	S.H.A. NO. N/A		
SCALE: 1"=20'	COUNTY: PRINCE GEORGES		

RED LINE REV. NO. 1  
7-14-97

REVISIONS	APPROVALS
	ASST. DIVISION CHIEF, TEDD
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY
AUGUST 1996 - WTB MODIFY EXISTING SIGNAL SHA NO. PG9005171	
JDM	

THE WILSON T. BALLARD CO.  
CONSULTING ENGINEERS  
OWINGS MILLS, MARYLAND